

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended): A fuel cell casing comprising:

a base body made of multi-layer ceramics that has a plurality of concavities formed on one surface thereof, each of the cavities accommodating therein a membrane electrode assembly, the membrane electrode assemblies each having, on one principal surface and another principal surface thereof, a first electrode and a second electrode respectively;

first fluid channels each formed so as to extend from a bottom surface of each of the concavities facing one principal surface of the membrane electrode assembly to an outer surface of the base body;

first wiring conductors each having its one end disposed on the bottom surface of each of the concavities facing the first electrode of the membrane electrode assembly, and its another end led to the outer surface of the base body;

a lid body mounted on one surface of the base body near the concavities so as to cover the concavities, for sealing the concavities hermetically;

second fluid channels each formed so as to extend from one surface of the lid body facing the other principal surface of the membrane electrode assembly to an outer surface of the lid body;

second wiring conductors each having its one end disposed on one surface of the lid body facing the second electrode of the membrane electrode assembly, and its another end led to the outer surface of the lid body; and

a third wiring conductor formed in the base body, the third wiring conductor having its one end opposed to the first electrode of the membrane electrode assembly on the bottom surface of one of the concavities, and its another end

opposed to the first electrode of the membrane electrode assembly on the bottom surface of another of the concavities,

wherein an internal circuit including at least one of the resistor, ~~conductor~~, capacitor, or inductor element is formed in the base body.

2-9. (Canceled).

10. (Previously presented): The fuel cell casing of claim 1, wherein the base body has an electronic component which is disposed on the surface thereof so as to be electrically connected to the internal circuit.

11. (Previously presented) The fuel cell casing of claim 1, wherein a piezoelectric pump is disposed partway along one of the first and second fluid channels.

12-31. (Canceled).